

# ELAN ARMANDO SEGARRA

November 2020

---

---

Department of Economics  
University of Wisconsin–Madison  
1180 Observatory Dr., SSS 6470  
Madison, WI 53706

Phone: (805) 368-2748  
Email: [segarra@wisc.edu](mailto:segarra@wisc.edu)  
Linkedin: [www.linkedin.com/in/elansegarra](http://www.linkedin.com/in/elansegarra)  
Web: [www.elansegarra.com](http://www.elansegarra.com)

---

---

## Fields of Interest

---

Applied Econometrics, Public Economics, Record Linkage, Causal Inference, and Science of Science.

## Education

---

- 2015– UNIVERSITY OF WISCONSIN–MADISON  
*Ph.D. in Economics (expected May 2021)*
- 2018 UNIVERSITY OF WISCONSIN–MADISON  
*Master of Sciences in Economics, May 2018*
- 2006 HARVEY MUDD COLLEGE  
*Bachelor of Sciences in Mathematics, September 2006*

## Research

---

JOB MARKET PAPER: “Birth, Death, and Record Linkage: Survival Analysis in the Presence of Record Linkage Error”

### PUBLISHED PAPERS

“Treatment Induced Selection Bias in Instrumental Variables Analysis: Exact Results” with Felix Elwert, *Probabilistic and Causal Inference: The Works of Judea Pearl*, edited by Hector Geffner, Rina Dechter, and Joseph Y. Halpern. ACM Books, 2020 (Forthcoming)

### WORKING PAPERS

- “Elasticity Estimation in Discrete Choice Models with Population Misspecification” *with Diwakar Raisingh*
- “Efficiency in Measurement Error Models: Applications to Twin Studies and Peer Effects”
- “Sanctuaries for Immigrants or Criminals? Investigating The Effects of Sanctuary Policies on Crime”
- “Executing Entity Matching End to End: A Case Study” *with Pradap Konda, Sanjay Subramanian Seshadri, Brent Hueth, and AnHai Doan*

### WORKS IN PROGRESS

- “Generalized Method of Moments Estimation with Linked Data Sets”
- “Employment and Payroll Dynamics in Agricultural Support Services” *with Anton Babkin, Richard A. Dunn, and Brent Hueth*
- “A New Geography for Research: Describing Heterogeneity in Research Projects via Classification of Expenditure Profiles”
- “Identification of Market Size in the Estimation of Discrete Choice Models” *with Diwakar Raisingh*
- “Sufficient Statistics For Correcting Record Linkage Error”

## Professional Experience

---

### RESEARCH EXPERIENCE

- 2020 Research Assistant for Felix Elwert, University of Wisconsin–Madison  
Topic: Estimation of instrumental variables models in the presence of differential missingness.

- 2019 Research Assistant for Jeffrey Smith, University of Wisconsin–Madison  
 Topic: Estimation of the effects of federally funded job training on various labor outcomes.
- 2016–2019 Research Assistant for Brent Hueth, University of Wisconsin–Madison  
 Topic: Analysis of firm dynamics in the food and agricultural services sector using the LBD.  
 Topic: Estimation of the production function for publications from academic research funded by the USDA.  
 Topic: Understanding research in food and agricultural via linking UW project data with USDA award data.  
 Topic: Measuring the food and agricultural economy with an updated firm classification system.  
 Topic: Utilizing Frictionless Data standards to improve the transportability and use of metadata.
- 2018 Summer Associate, RAND Corporation  
 Topic: Development of a simulation of the criminal justice system for use in crime policy research.
- 2017 Project Assistant for Kenneth West, University of Wisconsin–Madison.  
 Topic: Studied dynamics between real interest rate and other macroeconomic variable using PCA.

#### TEACHING EXPERIENCE<sup>1</sup>

- 2016 Teaching Assistant, University of Wisconsin–Madison  
 Undergraduate Courses Taught:  
     Statistics: Measurement in Economics (ECON 310) - Fall 2016
- 2014–2015 Lecturer, San Francisco State University  
 Undergraduate Courses Taught:  
     Introduction to Econometrics (ECON 312) - Spring 2014  
     Introduction to Microeconomic Analysis (ECON 101) - Summer 2014, Fall 2014, and Spring 2015
- 2013 Teaching Assistant, San Francisco State University  
 Undergraduate Courses Assisted:  
     Introduction to Microeconomic Analysis (ECON 101) - Spring 2013  
     Introduction to Macroeconomic Analysis (ECON 102) - Spring 2013 and Fall 2013  
     Intermediate Microeconomic Theory (ECON 301) - Fall 2013  
     Statistical Methods and Interpretation (ECON 311) - Fall 2013

#### OTHER WORK EXPERIENCE

- 2017– Referee/Reviewer: *Journal of Money, Credit, and Banking*
- 2013–13 Marketing Analyst Intern, Working Assets/CREDO Mobile
- 2006–13 Information Technology Manager, Three Bees Nursery
- 2003–06 Academic Facilitator, Harvey Mudd College

---

### Fellowships, Grants, and Awards

---

- 2020 **Fellowship**, Graduate Research Scholar/Advanced Opportunity Fellow, UW–Madison
- 2019 **Fellowship** (\$11,000), David Edwin Davies Dissertation Fellowship, UW–Madison
- 2018 **Scholarship** (\$2,250), Summer Research Scholarship, UW–Madison
- 2018 **Grant** (\$14,997), Dissertation Research Award, Institute for Research on Innovation and Science, UM

---

<sup>1</sup>Teaching evaluations available upon request.

- 2015 **Fellowship**, Graduate Research Scholar/Advanced Opportunity Fellow, UW–Madison
- 2015 **Award**, Graduate Student Award for Distinguished Achievement, SF State University
- 2014 **Award**, Don Scoble Scholarship in Economics, SF State University
- 2003/2006 **Award**, Dean’s List, Harvey Mudd College
- 2002 **Scholarship**, Nova Scholar Award, Harvey Mudd College

### Seminar\Conference Participation

---

- 2019 Institute for Research on Innovation and Science Summit (UM)  
Annual Federal Statistical Research Data Center (FSRDC) Research Conference (UW–Madison).
- 2018 Institute for Research on Innovation and Science Data Camp (UM)
- 2017 Empirical Microeconomics Seminar (UW–Madison)
- 2014 Economics Department Seminar Series (SFSU)  
Pacific Conference for Development Economics (UCLA)

### University and Community Service

---

- 2018– Organizer for student panels on field choice and summer work opportunities
- 2017– Faculty Liaison for Graduate Students in Economics Dept at University of Wisconsin–Madison
- 2014 Co-instructor (with Dr. Venoo Kakar), L<sup>A</sup>T<sub>E</sub>X and L<sup>y</sup>X Workshop for Graduate Students
- 2012 Urban Composting Educator, [Garden for the Environment](#)
- 2012 Garden Educator and Coordinator, New Traditions Elementary School
- 2012–13 Co-coordinator, San Francisco Urban Agriculture Alliance ([SFUAA](#))

### Other

---

Computer Skills: Python, R, SQL, Stata, Jupyter, L<sup>A</sup>T<sub>E</sub>X, Java, HTML, MATLAB, EViews, Mathematica, L<sup>y</sup>X.

Affiliations: Special Sworn Status (US Census Bureau).

### References

---

<p><a href="#">Jack Porter</a> Department of Economics</p> <p>University of Wisconsin–Madison 1180 Observatory Dr 6448 Social Sciences Building Madison, WI 53706 Phone: (608) 263-3870 Email: jrporter@ssc.wisc.edu</p>	<p><a href="#">Chris Taber</a> Department of Economics</p> <p>University of Wisconsin–Madison 1180 Observatory Dr 6446 Social Sciences Building Madison, WI 53706 Phone: (608) 263-7791 Email: ctaber@ssc.wisc.edu</p>	<p><a href="#">Felix Elwert</a> Department of Sociology</p> <p>University of Wisconsin–Madison 1180 Observatory Dr 4426 Social Sciences Building Madison, WI 53706 Phone: (608) 262-9510 Email: felwert@ssc.wisc.edu</p>
--	--	--